

Ferro PP LPP20BN53HB

Polypropylene

Ferro Corporation

Message:

Ferro PP LPP20BN53HB is a polypropylene material, which contains 20% calcium carbonate filler. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific.

The main features of Ferro PP LPP20BN53HB are:

Impact modification

high gloss

General Information			
Filler / Reinforcement	Calcium carbonate filler, 20% filler by weight		
Additive	Impact modifier		
Features	Impact modification		
	Highlight		
Appearance	Blue		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.06	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.6	%	ASTM D955
Transverse flow	1.9	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	24.8	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	75	%	ASTM D638
Flexural Modulus			ASTM D790
1% secant: 23°C	1570	MPa	ASTM D790
Tangent: 23°C	1760	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	37.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Unnotched Izod Impact (23°C)	1100	J/m	ASTM D256
Dart Drop Impact	16.9	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	98.9	°C	ASTM D648
1.8 MPa, not annealed	60.0	°C	ASTM D648
Additional Information			
Filler Content, ASTM D2584: 22%			

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

